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DT02 Rec'd PCT/PTO 24 JAN 2005

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 02296.002360 U.S. APPLICATION NO. (Not for use 35 U.S.C. 371.5) <b>10/522657</b>
INTERNATIONAL APPLICATION NO. PCT/GB03/003166	INTERNATIONAL FILING DATE 23 July 2003	PRIORITY DATE CLAIMED 23 August 2002
TITLE OF INVENTION <b>BARRIER LAYER BASED ON POLYOL</b>		
APPLICANT(S) FOR DO/EO/US Andrew Gordon Johnston et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>		
Items 11 to 20 below concern other document(s) or information included:		
<ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information: <b>Published International Application including Art 19 Amendment and International Search Report</b></li> </ol>		

This collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to file (and by the PTO to process) an application. Confidentiality is governed by 35 U.S.C. § 122 and 37 CFR 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER						
10/522657		PCT/GB03/003166		02296.002360						
21. The following fees are submitted:										
<input type="checkbox"/> a) Basic national fee .....		\$300.00								
<input type="checkbox"/> b) Examination fee .....		\$200.00								
<input type="checkbox"/> c) Search fee .....		\$500.00								
<b>TOTAL OF ABOVE CALCULATION =</b>			<b>\$1000.00</b>							
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.										
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE							
- 100 =	/50 =		x \$250.00							
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).										
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE							
Total Claims	26	-20 = 6	X \$50.00 \$300							
Independent Claims	4	- 3 = 1	X \$200.00 \$200							
Multiple dependent claim(s) (if applicable)			+ \$360.00 \$							
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$</b>							
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.										
<b>SUBTOTAL = \$1500</b>										
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).										
<b>TOTAL NATIONAL FEE = \$1500</b>										
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property										
<b>TOTAL FEES ENCLOSED = \$1500</b>										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"></td> <td style="width: 20%; text-align: center;">Amount to be refunded:</td> <td style="width: 20%; text-align: center;">\$</td> </tr> <tr> <td></td> <td style="text-align: center;">Amount to be charged:</td> <td style="text-align: center;">\$</td> </tr> </table>						Amount to be refunded:	\$		Amount to be charged:	\$
	Amount to be refunded:	\$								
	Amount to be charged:	\$								
a. <input checked="" type="checkbox"/> A check in the amount of \$1500 to cover the above fees is enclosed.										
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.										
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1205. A duplicate copy of this sheet is enclosed.										
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.										
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.										
SEND ALL CORRESPONDENCE TO: Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza New York, NY 10112-3800										
 SIGNATURE Raymond R. Mandra NAME 34,382 REGISTRATION NUMBER										

10/522657

02296.002360

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
UNDER 35 U.S.C. 371

## TRANSMITTAL LETTER

## BARRIER LAYER BASED ON POLYOL

## Inventors:

Andrew Gordon Johnston  
Jeremy L. Meyer

EXPRESS MAIL mailing label number EV 304107045 USDATE OF DEPOSIT January 24, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P. O. Box 1450 Alexandria, Virginia 22313-1450

Raymond R. Mandra  
(Name of Attorney for Applicant)

  
(Signature of person mailing paper or fee)

10/522657  
DT12 Rec'd PCT/PTO 24 JAN 2005

02296.002360

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
UNDER 35 U.S.C. 371

PRELIMINARY AMENDMENT

BARRIER LAYER BASED ON POLYOL

Inventors:

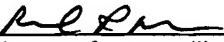
Andrew Gordon Johnston  
Jeremy L. Meyer

EXPRESS MAIL mailing label number EV 304107045 US

DATE OF DEPOSIT January 24, 2005

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Raymond R. Mandra  
(Name of Attorney for Applicant)

  
(Signature of person mailing paper or fee)

20 Record PCT/PTO 20 JAN 2005

Docketing

Client Matter No.: 01263.002638.

L.P. Diana

25 January 2005

Source of IDS Information

The attached Information Disclosure Statement:

Cites information forwarded in correspondence from the client dated  
14 April 2004.

Cites information from our in-house inventor search.

Other (provide brief explanation).

In the Specification

ANTHONY M. ZUPCIC  
DIRECT DIAL (212) 218-2240  
E-MAIL [azupcic@fchs.com](mailto:azupcic@fchs.com)

January 25, 2005

VIA DHL COURIER

BERESFORD & CO.  
European Patent Attorneys  
Chartered Patent Attorneys  
16 High Holborn  
London WC1V 6BX  
United Kingdom

Re: U.S. Patent Appln. No. 10/681,230  
Canon Ref.: CFP 2638 US  
Your Ref.: NRPF/EC/2792850

Dear Sirs:

Enclosed are two copies of an Information Disclosure Statement which we filed in connection with the above-identified application in order to cite information identified in your letter of April 14, 2004, in the specification, and in a common-inventor cross-reference check of other Canon files in our office.

Very truly yours,  
FITZPATRICK, CELLA, HARPER & SCINTO

By: \_\_\_\_\_  
Anthony M. Zupcic

AMZ:vif  
Enclosures